

**Fig. 1**  
State of the art

Re-circulation between axial gaps

Re-circulation from axial gap  
(Blade rows mono-functional)

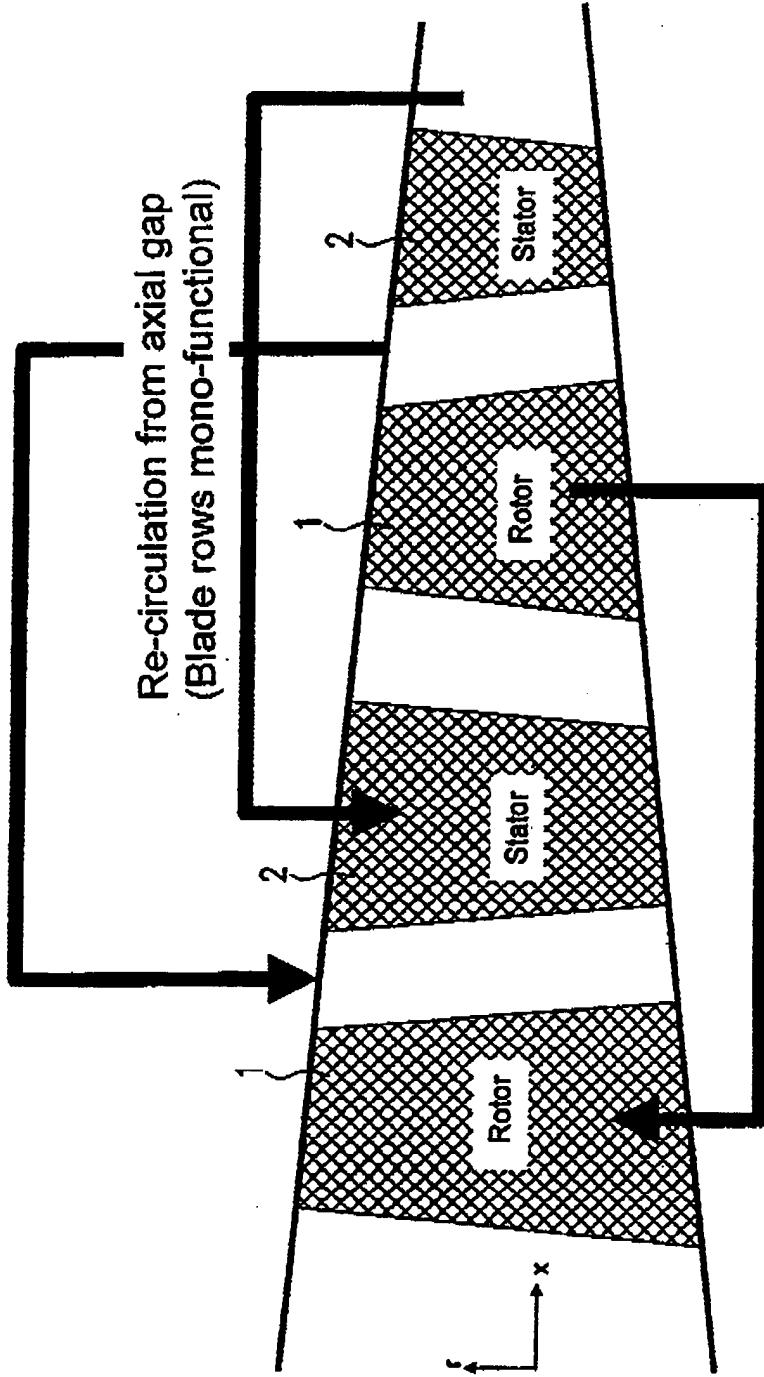


Fig. 2  
State of the art

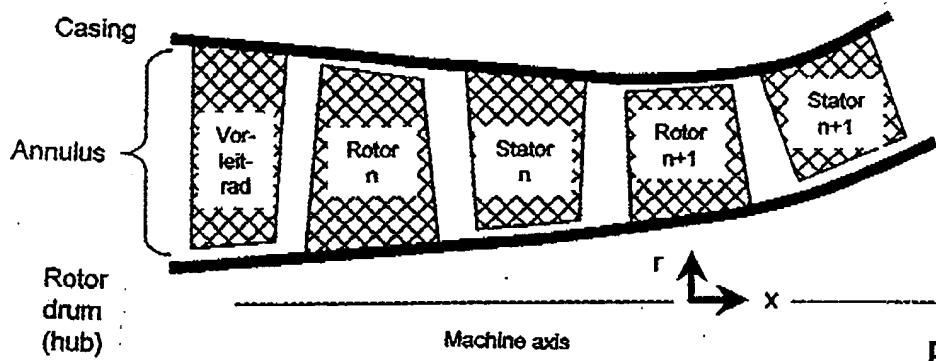


Fig. 3a

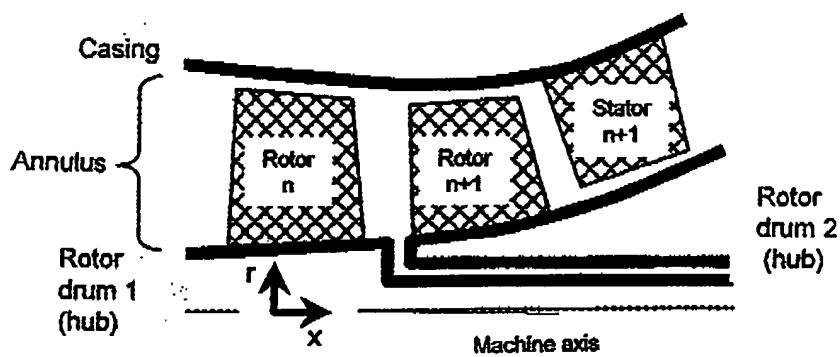


Fig. 3b

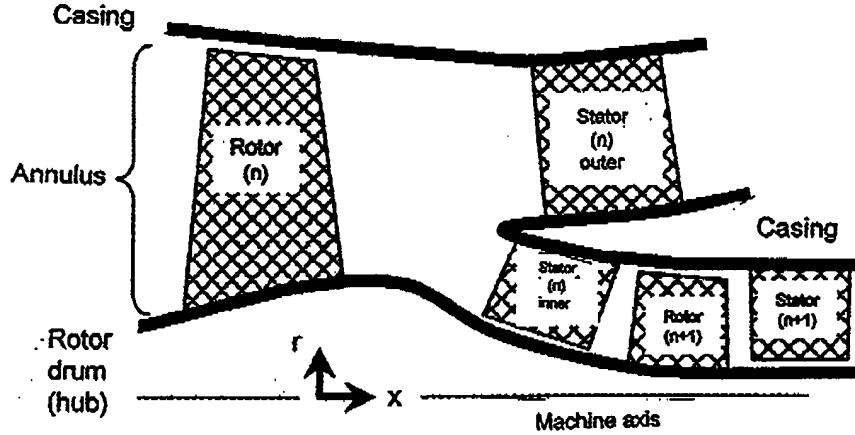


Fig. 3c

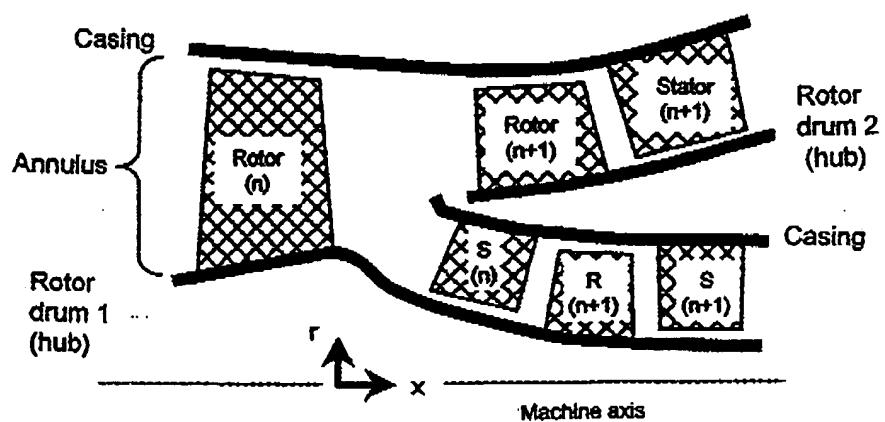


Fig. 3d

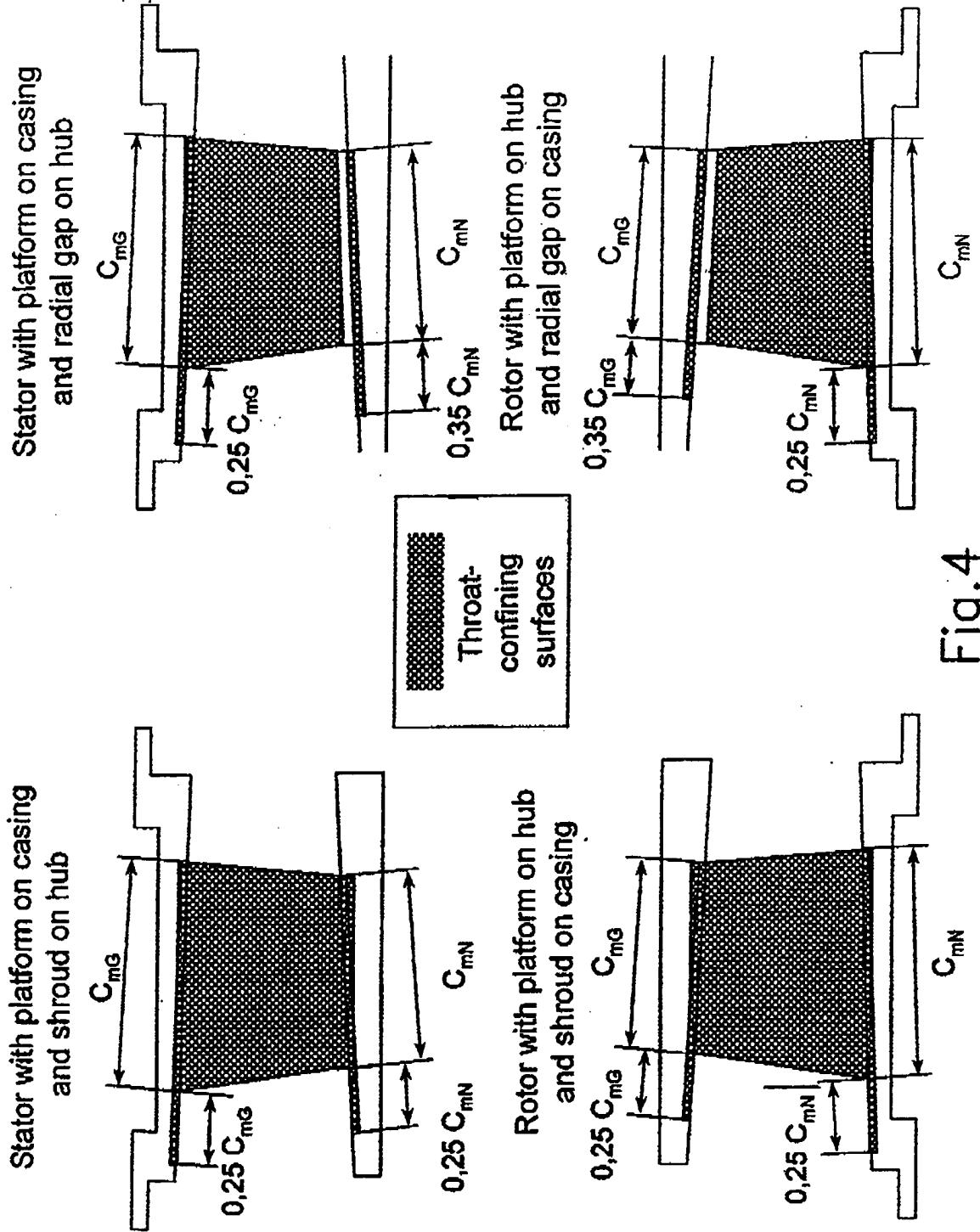


Fig. 4

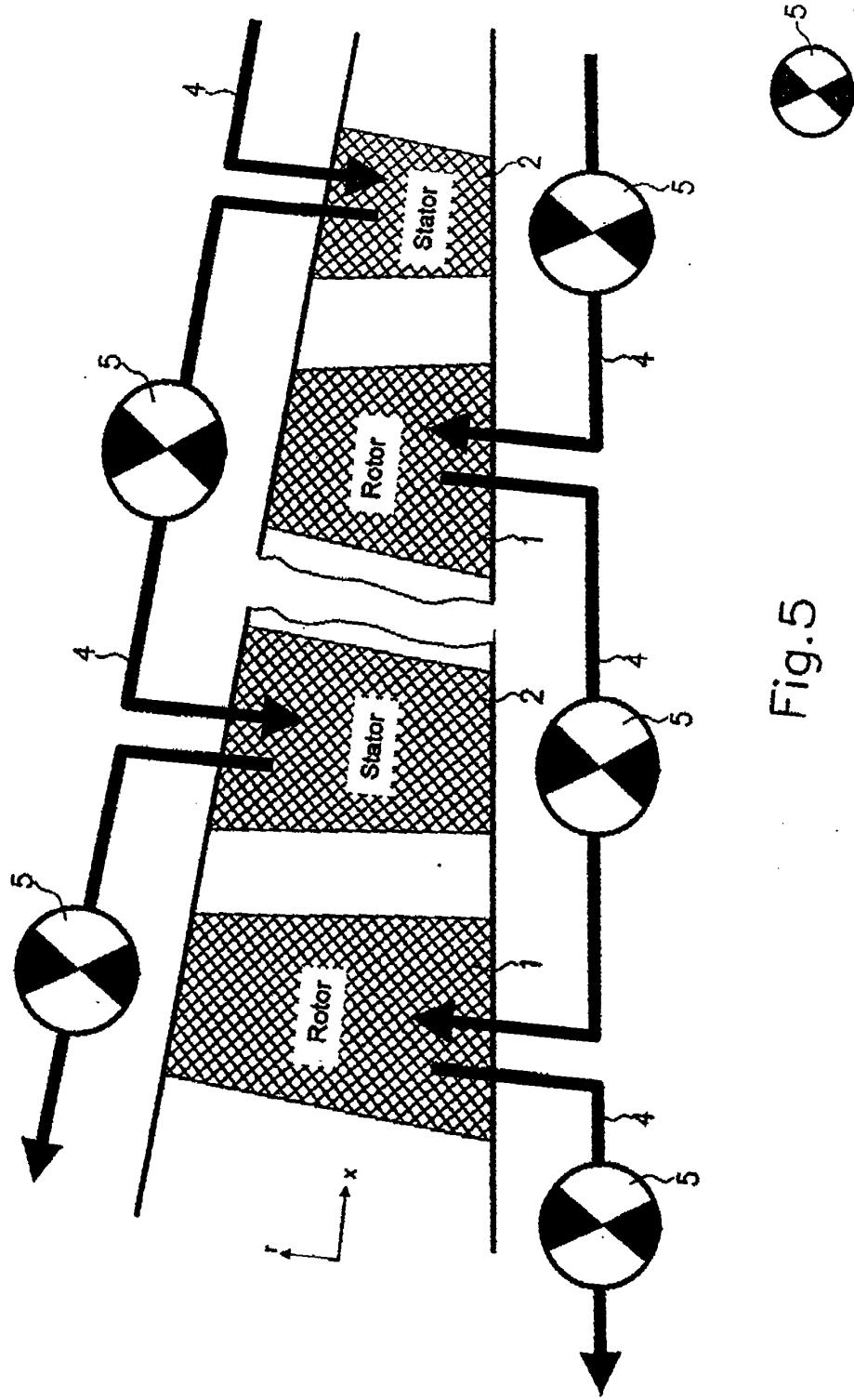


Fig.5

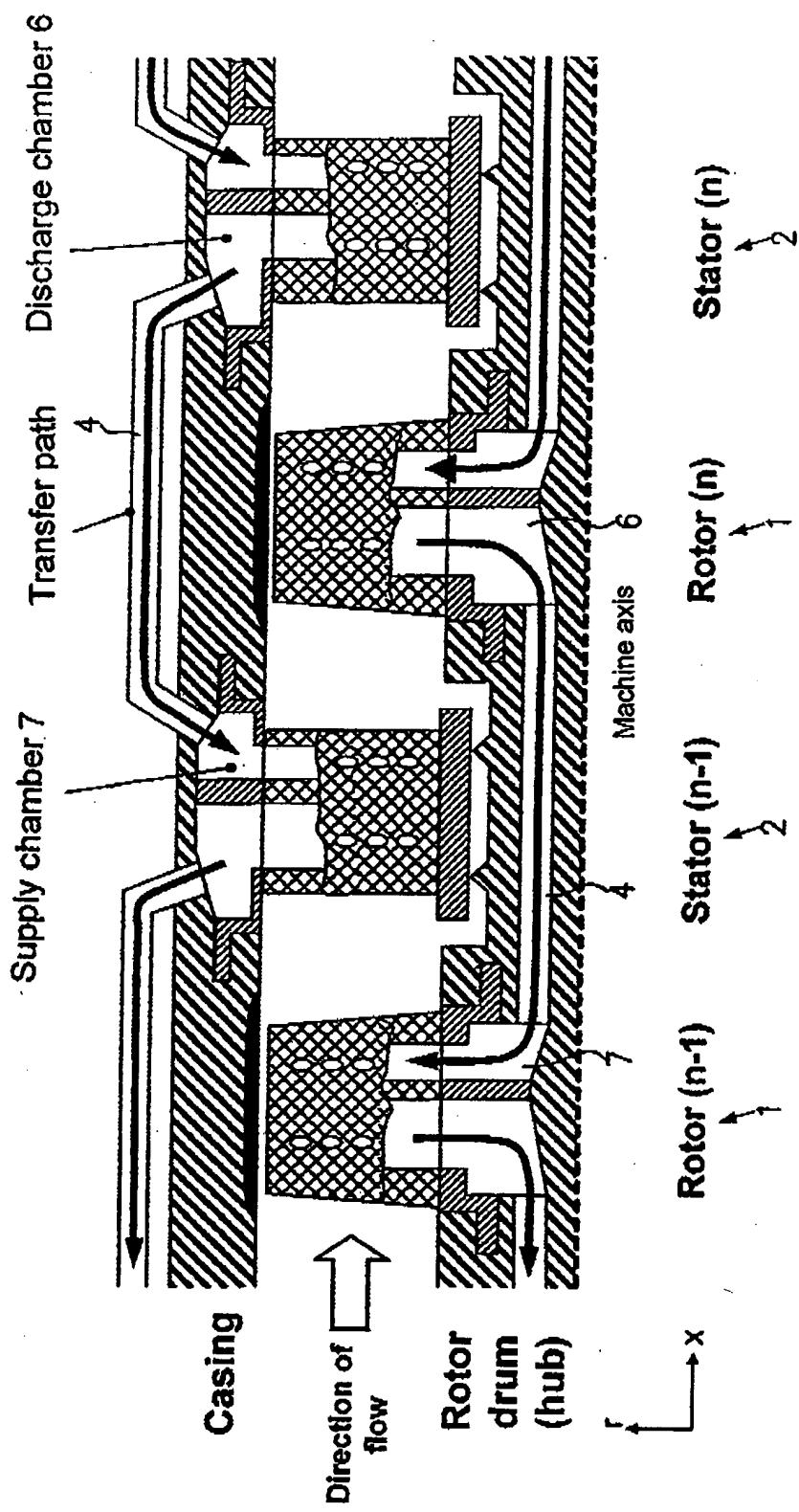


Fig.6

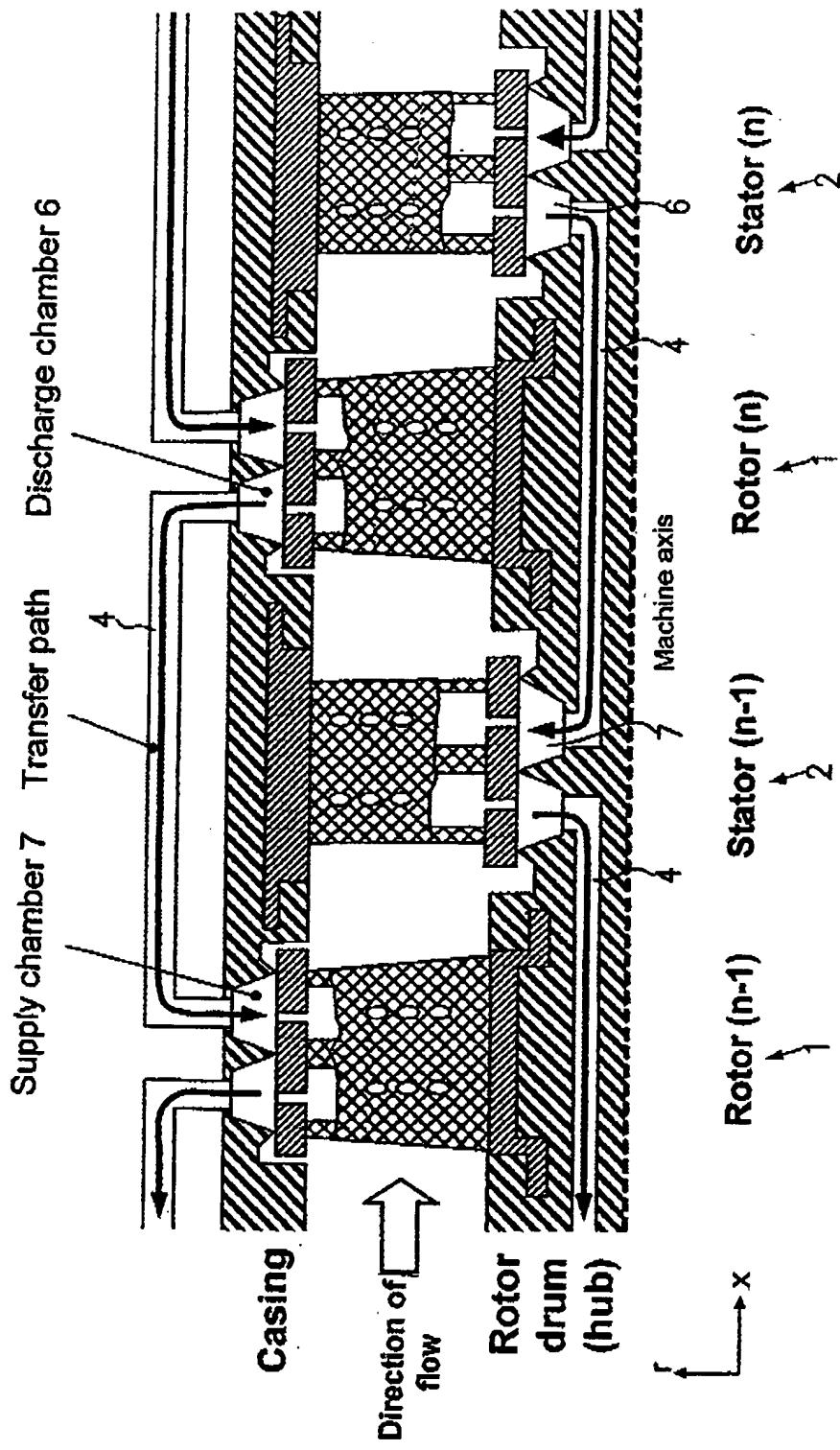


Fig. 7

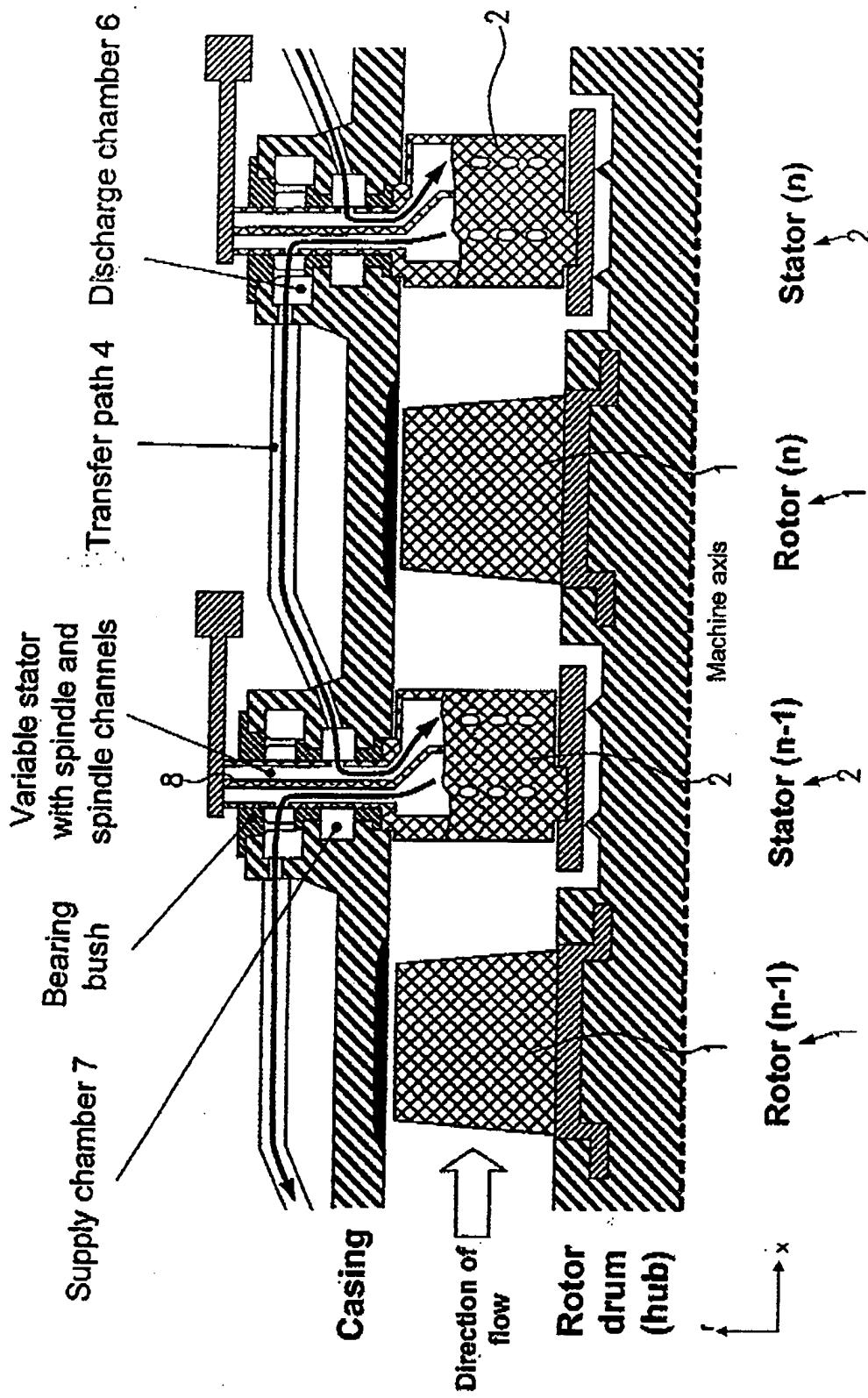


Fig. 8